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(71) Applicant: **MATSUSHITA ELECTRIC IND CO LTD**

(72) Inventor: **KITAOKA YASUO**
KASASUMI KENICHI
MIZUUCHI KIMINORI
YAMAMOTO KAZUHISA

(54) **OPTICAL WAVEGUIDE DEVICE, COHERENT LIGHT SOURCE, INTEGRATED UNIT, AND OPTICAL PICKUP DEVICE**

by the slanting surface (4) and projected from the 1st surface (S1) or 2nd surface (S2) of the substrate (1).

(57) Abstract:

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PROBLEM TO BE SOLVED: To solve problems that a coherent light source which uses a conventional optical waveguide device (1) increases in size along the optical axis, (2) induces a light source noise owing to the feedback of a light reflected by a waveguide projection end surface to the light source, and (3) generates an interference noise owing to the rereflection of external reflected light on the optical waveguide projection end surface.

SOLUTION: This optical waveguide device is equipped with a substrate (1) which has a 1st surface (S1) and a 2nd surface (S2) and an optical waveguide (3) which is formed on the 1st surface (S1) of the substrate (1) and has a light incidence end surface and a slanting surface slanting to the optical waveguide (3); and a waveguide light which is made incident on the optical waveguide (3) from the light incidence end surface is totally reflected

